

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|------------------|---|------------------|---------|------------------|
| S1 | 0 | "saka.in" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/26 10:42 |
| S2 | 20303 | moon.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 08:15 |
| S3 | 3283 | uchimura.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 08:15 |
| S4 | 205095 | ito.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 08:15 |
| S5 | 11 | S2 and S3 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 14:02 |
| S6 | 20303 | moon.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 14:02 |
| S7 | 3283 | uchimura.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 14:02 |
| S8 | 205095 | ito.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 14:02 |
| S9 | 11 | S6 and S7 and S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 14:02 |

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|-----|-------|--|---|----|----|------------------|
| S10 | 6 | S9 and (sintered or heat or fired) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:05 |
| S11 | 11183 | "51".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:05 |
| S12 | 0 | S11 same (ceramic or cermaics) same (sintered or sintering) same (cutting or abrasive) same hardness same dislocation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:33 |
| S13 | 0 | S11 same (ceramic or cermaics) same (sintered or sintering) same (cutting or abrasive) same hardness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:33 |
| S14 | 0 | S11 same (ceramic or cermaics) same (sintered or sintering) same (cutting or abrasive) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:33 |
| S15 | 74210 | ceramic same (sinter or sintered or sintering) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:34 |
| S16 | 2317 | ceramic same (sinter or sintered or sintering) same hardness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:34 |
| S17 | 199 | ceramic same (sinter or sintered or sintering) same hardness same abrasive | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:34 |
| S18 | 513 | ceramic same (sinter or sintered or sintering) same hardness same (cutting or abrasive) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:34 |
| S19 | 59 | ceramic same (sinter or sintered or sintering) same hardness same (cutting or abrasive) same (particle near3 size) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:40 |

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| S20 | 1 | ceramic same (sinter or sintered or sintering) same hardness same (cutting or abrasive) same (dislocation near10 surface) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:35 |
| S21 | 540 | 501/97.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:36 |
| S22 | 38844 | "501".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:40 |
| S23 | 38844 | S21 S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:40 |
| S24 | 6166 | S23 and ((ceramic or ceramics) same (sintering or sintered)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:41 |
| S25 | 6166 | S23 and ((ceramic or ceramics) same (sintering or sintered)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:42 |
| S26 | 494 | S23 and ((ceramic or ceramics) same (sintering or sintered) same hardness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 15:42 |
| S27 | 10 | S23 and ((ceramic or ceramics) same (sintering or sintered) same hardness same dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 16:04 |
| S28 | 483976 | (cutting adj tool) or abrasive or polishing or abrading | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 16:04 |
| S29 | 21585 | ((cutting adj tool) or abrasive or polishing or abrading) same (ceramic or ceramics) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 16:05 |

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|-----|------|--|---|----|----|------------------|
| S30 | 5258 | ((cutting adj tool) or abrasive or polishing or abrading) same (ceramic or ceramics) same (tough or toughening or hard or hardness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 16:05 |
| S31 | 846 | ((cutting adj tool) or abrasive or polishing or abrading) same (ceramic or ceramics) same (tough or toughening or hard or hardness) same (sintered or sintering) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 16:06 |
| S32 | 592 | ((cutting adj tool) or abrasive or polishing or abrading) same ((ceramic or ceramics) with(sintered or sintering)) same (tough or toughening or hard or hardness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 16:06 |
| S33 | 592 | ((cutting adj tool) or abrasive or polishing or abrading) same ((ceramic or ceramics) with (sintered or sintering)) same (tough or toughening or hard or hardness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 16:06 |
| S34 | 42 | ((cutting adj tool) or abrasive or polishing or abrading) same ((ceramic or ceramics) with (sintered or sintering)) same (tough or toughening or hard or hardness) same (particle near size) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 14:24 |
| S35 | 1 | ((cutting adj tool) or abrasive or polishing or abrading) same ((ceramic or ceramics) with (sintered or sintering)) same (tough or toughening or hard or hardness) same dislocation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 16:07 |
| S36 | 1 | S34 and dislocation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/29 17:25 |
| S37 | 2 | ("6133182").URPN. | USPAT | OR | ON | 2007/03/30 08:14 |
| S38 | 6 | ("4204873" "5188908" "5275981" "5342564" "5916833" "5994250").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/30 08:17 |
| S39 | 13 | ("2939796" "4046517").PN. OR ("4204873").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/30 08:27 |
| S40 | 3 | ((cutting adj tool) or abrasive or polishing or abrading) same ((ceramic or ceramics) with (sintered or sintering)) same (tough or toughening or hard or hardness) same (shot near blasting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 14:25 |

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| S41 | 3 | ((cutting adj tool) or abrasive or polishing or abrading) same ((ceramic or ceramics) with (sintered or sintering)) same (shot near blasting) NOT S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 14:27 |
| S42 | 23 | ((cutting adj tool) or abrasive or polishing or abrading) same (ceramic or ceramics) same (shot near blasting) NOT (S40 S41) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/30 14:28 |
| S43 | 9342 | (shot near blasting) or (shot near peening) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/02 08:53 |
| S44 | 13 | ((shot near blasting) or (shot near peening)) same ((ceramic or ceramics) near (sintered or sinter or sintering)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/02 08:54 |
| S45 | 13 | ((shot near blasting) or (shot near peening)) same ((ceramic or ceramics) near (sintered or sinter or sintering)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/02 09:32 |
| S46 | 3 | (balsting same abrasive) NOT S45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/04/02 09:32 |
| S47 | 2 | ("20060213127").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/23 10:35 |
| S48 | 1 | S47 and (plastic near working) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 11:04 |
| S49 | 128 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (cemented near carbide) or (silicon near nitride)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 13:45 |

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| S50 | 1 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (cemented near carbide) or (silicon near nitride)) and (sintered near10 ceramic near5 cutting near5 tool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 11:07 |
| S51 | 1 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (cemented near carbide) or (silicon near nitride)) and sintered and (ceramic near5 cutting near5 tool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 11:07 |
| S52 | 1 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (cemented near carbide) or (silicon near nitride)) and (ceramic near5 cutting near5 tool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 11:07 |
| S53 | 22 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (cemented near carbide) or (silicon near nitride)) and (cutting near5 tool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 11:07 |
| S54 | 6 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (cemented near carbide) or (silicon near nitride)) same (particle near size) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:06 |
| S55 | 8 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (aluminum near oxide) or ("AL.sub.2 O.sub.3") or (cemented near carbide) or (silicon near nitride)) same (particle near size) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:08 |
| S56 | 0 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (aluminum near oxide) or ("AL.sub.2 O.sub.3") or (cemented near carbide) or (silicon near nitride)) same (particle near size) same (cutting near tool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:08 |
| S57 | 0 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (aluminum near oxide) or ("AL.sub.2 O.sub.3") or (cemented near carbide) or (silicon near nitride)) same (particle near size) and (cutting near tool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:36 |

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| S58 | 25 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (aluminum near oxide) or ("AL.sub.2 O.sub.3") or (cemented near carbide) or (silicon near nitride)) and (cutting near tool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:39 |
| S59 | 10 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (aluminum near oxide) or ("AL.sub.2 O.sub.3") or (cemented near carbide) or (silicon near nitride)) same (cutting near tool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:19 |
| S60 | 10 | S59 and ((shot near blasting) or (plastic near working)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:36 |
| S61 | 2 | ("6299658").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/23 14:21 |
| S62 | 1 | S61 and ((shot near blasting) or (plastic near working)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:31 |
| S63 | 2 | ("6294029").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/23 14:31 |
| S64 | 1 | S63 and (particle near5.size) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:31 |
| S65 | 1103 | ((abrasive near partilce) or alumina or (aluminum near oxide) or ("AL.sub.2 O.sub.3") or (cemented near carbide) or (silicon near nitride)) same (particle near size) and (cutting near tool) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:36 |

EAST Search History

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| S66 | 9 | ((plastic near working) or (shot near blasting)) with ((abrasive near partilce) or alumina or (aluminum near oxide) or ("AL.sub.2 O.sub.3") or (cemented near carbide) or (silicon near nitride)) and (cutting near tool) and hardness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:46 |
| S67 | 977 | ((abrasive near partilce) or alumina or (aluminum near oxide) or ("AL.sub.2 O.sub.3") or (cemented near carbide) or (silicon near nitride)) same (vickers near hardness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 14:25 |
| S68 | 491 | ((abrasive near partilce) or alumina or (aluminum near oxide) or ("AL.sub.2 O.sub.3") or (cemented near carbide) or (silicon near nitride)) with (vickers near hardness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:53 |
| S69 | 11 | ((abrasive near partilce) or alumina or (aluminum near oxide) or ("AL.sub.2 O.sub.3") or (cemented near carbide) or (silicon near nitride)) with (vickers near hardness) with (particle near size) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 15:02 |
| S70 | 0 | ((abrasive near partilce) or alumina or (aluminum near oxide) or ("AL.sub.2 O.sub.3") or (cemented near carbide) or (silicon near nitride)) with (vickers near hardness) with (particle near size) and ((shot near5 blasting) or (plastic near5 working)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 14:54 |
| S71 | 87 | alumina with ((shot adj peening) or (shot near blasting)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 15:03 |
| S72 | 0 | S71 with tool | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 15:03 |
| S73 | 1 | S71 same tool | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 15:04 |
| S74 | 11 | S71 and tool | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/23 15:04 |

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| S75 | 2 | ("20030162483").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/27 14:42 |
| S76 | 1 | S75 and hardness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:08 |
| S77 | 13170 | (vicker near hardness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:08 |
| S78 | 13170 | (vickers near hardness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:08 |
| S79 | 573 | (vickers near hardness) near10 (alumina or carbide) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:13 |
| S80 | 55 | (vickers near hardness) near10 (alumina or carbide) near10 particle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:15 |
| S81 | 17 | (vickers near hardness) near10 (alumina or (carbide adj alumina)) near10 particle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:17 |
| S82 | 161 | (vickers near hardness) near10 (alumina or (carbide adj alumina)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:15 |
| S83 | 1 | (vickers near hardness) near10 alumina near20 (ceramic near2 body near4 sintered) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:18 |
| S84 | 93 | (vickers near hardness) near4 alumina | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:23 |

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| S85 | 86 | S84 not S81 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:29 |
| S86 | 3 | ((shot or air) near5 blasting) near20 (vickers near hardness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:30 |
| S87 | 131 | ((shot or air) near5 blasting) near20 hardness | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:31 |
| S88 | 128 | S87 NOT S86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:31 |
| S89 | 5 | S88 same (alumina) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/27 16:31 |
| S90 | 542 | 501/97.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/26 10:43 |
| S91 | 39142 | "501".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/26 10:43 |
| S92 | 39142 | S90 S91 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/26 10:43 |
| S93 | 39142 | S92 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/26 10:43 |
| S94 | 11 | S92 and ((ceramic or ceramics) same (sintering or sintered) same hardness same dislocation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/26 10:43 |

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| S95 | 11 | S94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/26 10:43 |
| S96 | 0 | S95 not S94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/26 10:43 |